

§Appl. No. 10/009,614
Amdt. dated June 1, 2004
Reply to Office Action of, January 29, 2004

In the Specification:

On page 1, before the first full paragraph, insert the following heading:

--Field of the Invention--

On page 1, before the second full paragraph, insert the following heading:

--Background of the Invention--

On page 4, after the first full paragraph, insert the following heading:

--Summary of the Invention--

On page 5, after the second full paragraph, insert the following heading:

--Brief Description of the Drawings--

On page 5, after the sixth full paragraph, insert the following heading:

--Detailed Description--

The paragraph bridging pages 12 and 13 has been amended as follows:

Figures ~~4A and 4F~~ 4A-4F show a possible method for sample delivery in macroscopic analytical systems, for example the isotachopheresis instrument ItaChrom[®] EA 101 from I+M, Analytische Meß- und Regeltechnik, Germany. Figures A1/A2, B1/B2 and C1/C2 show the different sample delivery steps, with Figures 4A, 4C and 4E showing a side view of the delivery apparatus, and Figures 4B, 4D and 4F showing a view from above. This mechanical sample delivery apparatus consists of a stopcock K which is surrounded by a casing U. Both the casing U and the stopcock K are multiply pierced by channels. The stopcock K can be rotated in the casing U in such a manner

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that in each case defined channels in the stopcock and casing are connected and liquids thus pass from storage vessels via the apparatus shown in a defined manner into the connected isotachophoresis instrument. Storage vessels and the ITP instrument are not shown in the figure, but only indicated by arrows. In Figures 4A/4B, the stopcock is rotated so that there is a connection between channel pieces 3, 4 and 5, and between 2 and 6. By this means, channel piece 5 in the interior of the stopcock is filled with sample solution from a storage vessel which is connected to channel 3. In addition, via a storage vessel on channel 2, the channel system of the isotachophoresis instrument is filled with one of the two separation buffers (buffer 1) necessary for ITP.